

Refine Search

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search Results -

Terms	Documents
L1 and ((differen\$ or delta) near5 value).ab.	20

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L3

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, June 10, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query
 side by side

Hit Count Set Name
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L3</u>	L1 and ((differen\$ or delta) near5 value).ab.	20	<u>L3</u>
<u>L2</u>	L1 and value	89	<u>L2</u>
<u>L1</u>	(warehouse and (differen\$ or delta)).ab.	781	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 20 of 20 returned.

☐ 1. Document ID: US 20030097359 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 20

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030097359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030097359 A1

TITLE: Deduplicaiton system

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruediger, Thomas	Koeln		DE	

US-CL-CURRENT: 707/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 2. Document ID: US 3737056 A

L3: Entry 2 of 20

File: USPT

Jun 5, 1973

US-PAT-NO: 3737056

DOCUMENT-IDENTIFIER: US 3737056 A

TITLE: PLURAL NUMBER CONTROL SYSTEM FOR AN AUTOMATIC WAREHOUSE

DATE-ISSUED: June 5, 1973

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hathcock, Jr.; James S.	Mendota	IL		

US-CL-CURRENT: 414/273; 318/600

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: JP 10103841 A

L3: Entry 3 of 20

File: JPAB

Apr 24, 1998

PUB-NO: JP410103841A

DOCUMENT-IDENTIFIER: JP 10103841 A

TITLE: COLD STORAGE WAREHOUSE

PUBN-DATE: April 24, 1998

INVENTOR-INFORMATION:

NAME

COUNTRY

SAWAMOTO, YORIO

OKADA, KAZUYA

INT-CL (IPC): F25 D 13/00; F24 F 7/007; F24 F 7/06; F25 D 17/08

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: JP 08313243 A

L3: Entry 4 of 20

File: JPAB

Nov 29, 1996

PUB-NO: JP408313243A

DOCUMENT-IDENTIFIER: JP 08313243 A

TITLE: SHAPE MEASURING APPARATUS

PUBN-DATE: November 29, 1996

INVENTOR-INFORMATION:

NAME

COUNTRY

SATO, YUJI

INT-CL (IPC): G01 B 21/02; G01 B 11/00; G01 B 11/02; G01 B 17/00; G01 B 21/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 5. Document ID: JP 08231012 A

L3: Entry 5 of 20

File: JPAB

Sep 10, 1996

PUB-NO: JP408231012A

DOCUMENT-IDENTIFIER: JP 08231012 A

TITLE: PRODUCTION PROCESS CONTROLLING DEVICE

PUBN-DATE: September 10, 1996

INVENTOR-INFORMATION:

NAME

COUNTRY

FURUKAWA, SATOMI

OIDE, HIROSHI

INT-CL (IPC): B65 G 1/137; B23 P 21/00; B23 Q 41/02; G05 B 15/02; G06 F 17/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Examiner	Attorney	Claims	KWIC	Draw. De
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☐ 6. Document ID: JP 06305582 A

L3: Entry 6 of 20

File: JPAB

Nov 1, 1994

PUB-NO: JP406305582A

DOCUMENT-IDENTIFIER: JP 06305582 A

TITLE: PALLET ORGANIZING METHOD IN TRUCK LOADER

PUBN-DATE: November 1, 1994

INVENTOR-INFORMATION:

NAME

COUNTRY

MATAE, MASA HARU

SUZUKI, YUJIRO

INT-CL (IPC): B65G 67/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Examiner	Attorney	Claims	KWIC	Draw. De
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☐ 7. Document ID: JP 06004285 A

L3: Entry 7 of 20

File: JPAB

Jan 14, 1994

PUB-NO: JP406004285A

DOCUMENT-IDENTIFIER: JP 06004285 A

TITLE: INTER-OBJECT COORDINATION SYSTEM

PUBN-DATE: January 14, 1994

INVENTOR-INFORMATION:

NAME

COUNTRY

KONNO, YOICHI

OIIYAKE, YASUKUNI

INT-CL (IPC): G06F 9/44; G05B 19/403

Full	Title	Citation	Front	Review	Classification	Date	Reference	Examiner	Attorney	Claims	KWIC	Draw. De
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☐ 8. Document ID: JP 04129245 A

L3: Entry 8 of 20

File: JPAB

Apr 30, 1992

PUB-NO: JP404129245A
DOCUMENT-IDENTIFIER: JP 04129245 A
TITLE: WAFER WAREHOUSE

PUBN-DATE: April 30, 1992

INVENTOR-INFORMATION:

NAME

COUNTRY

HORIMOTO, TEIJI

HAYASHIDA, NORIAKI

KOIZUMI, SUSUMU

US-CL-CURRENT: 414/935

INT-CL (IPC): H01L 21/68; G05D 16/00; H01L 21/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Examiner's	Attorney's	Claims	KMC	Draw. De
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☐ 9. Document ID: JP 62190455 A

L3: Entry 9 of 20

File: JPAB

Aug 20, 1987

PUB-NO: JP362190455A
DOCUMENT-IDENTIFIER: JP 62190455 A
TITLE: DEW CONDENSATION MONITORING DEVICE

PUBN-DATE: August 20, 1987

INVENTOR-INFORMATION:

NAME

COUNTRY

KONDO, HISANORI

MATSUMURA, KIYOSHI

INT-CL (IPC): G01N 25/66; G01N 27/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Examiner's	Attorney's	Claims	KMC	Draw. De
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☐ 10. Document ID: JP 62047720 A

L3: Entry 10 of 20

File: JPAB

Mar 2, 1987

PUB-NO: JP362047720A
DOCUMENT-IDENTIFIER: JP 62047720 A

TITLE: PREVENTING SYSTEM FOR DEW CONDENSATION

PUBN-DATE: March 2, 1987

INVENTOR-INFORMATION:

NAME

COUNTRY

SAKAI, MASAMI

NAKAMURA, NOBUYUKI

ARAKI, AKIO

US-CL-CURRENT: 236/44E

INT-CL (IPC): G05D 22/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 11. Document ID: JP 61248818 A

L3: Entry 11 of 20

File: JPAB

Nov 6, 1986

PUB-NO: JP361248818A

DOCUMENT-IDENTIFIER: JP 61248818 A

TITLE: ASSORTMENT CONVEYING SYSTEM IN AUTOMATIC CONVEYING SYSTEM

PUBN-DATE: November 6, 1986

INVENTOR-INFORMATION:

NAME

COUNTRY

KUDO, TSUNEO

MAEDA, JUNICHIRO

DEGUCHI, MOTOOMI

US-CL-CURRENT: 198/348

INT-CL (IPC): B65G 47/46; B65G 43/00; G06F 15/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 12. Document ID: JP 56082708 A

L3: Entry 12 of 20

File: JPAB

Jul 6, 1981

PUB-NO: JP356082708A

DOCUMENT-IDENTIFIER: JP 56082708 A

TITLE: MOTION STOP CONTROLLER FOR MOVING BODY FOR CONVEYANCE

PUBN-DATE: July 6, 1981

INVENTOR-INFORMATION:

NAME

COUNTRY

OSAWA, ISAO

US-CL-CURRENT: 414/270
INT-CL (IPC): B65G 1/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 13. Document ID: US 20030204450 A1

L3: Entry 13 of 20

File: DWPI

Oct 30, 2003

DERWENT-ACC-NO: 2003-832588

DERWENT-WEEK: 200411

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TITLE: Internet-based data management method in supply chain management system, involves updating stock item value which are expressed in different measurement units, when request for change of value for stock item is received

INVENTOR: HEGER, A; HEINRICHS, M ; LAETHEM, P V ; SENG, M

PRIORITY-DATA: 2002US-0159798 (May 31, 2002), 2002US-0136847 (April 30, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030204450 A1	October 30, 2003		020	G06F017/60

INT-CL (IPC): G06 F 17/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 14. Document ID: US 20030097359 A1

L3: Entry 14 of 20

File: DWPI

May 22, 2003

DERWENT-ACC-NO: 2003-597393

DERWENT-WEEK: 200356

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TITLE: Duplicate data records identifying method for data warehouses, involves determining value representing difference between two records based on two determined values of two sets of data fields

INVENTOR: RUEDIGER, T

PRIORITY-DATA: 2001US-0000271 (November 2, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030097359 A1	May 22, 2003		030	G06F007/00

INT-CL (IPC): G06 F 7/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 15. Document ID: JP 3388424 B2, JP 11301815 A

L3: Entry 15 of 20

File: DWPI

Mar 24, 2003

DERWENT-ACC-NO: 2000-033224

DERWENT-WEEK: 200323

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TITLE: Velocity-position control method for stack crane used in automatic warehouse
- involves adding detected velocity to velocity variation command value to
calculate velocity command value

PRIORITY-DATA: 1998JP-0113654 (April 23, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 3388424 B2</u>	March 24, 2003		005	B65G001/04
<u>JP 11301815 A</u>	November 2, 1999		006	B65G001/04

INT-CL (IPC): B65 G 1/04; B66 F 9/07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachment	Claims	KWIC	Draw. D
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☐ 16. Document ID: DE 69719232 E, EP 798261 A2, SE 505605 C2, US 5994650 A, EP 798261 B1

L3: Entry 16 of 20

File: DWPI

Apr 3, 2003

DERWENT-ACC-NO: 1997-473117

DERWENT-WEEK: 200330

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TITLE: Load indicator method for weight-lifting truck - measuring current to motor
delivering power for hydraulic lifting and using it as measure of lifted load

INVENTOR: ERIKSSON, L; STENBERG, K

PRIORITY-DATA: 1996SE-0001185 (March 28, 1996), 1996SE-0001184 (March 28, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>DE 69719232 E</u>	April 3, 2003		000	B66F017/00
<u>EP 798261 A2</u>	October 1, 1997	E	003	B66F017/00
<u>SE 505605 C2</u>	September 22, 1997		000	B66F009/24
<u>US 5994650 A</u>	November 30, 1999		000	G01G023/18
<u>EP 798261 B1</u>	February 26, 2003	E	000	B66F017/00

INT-CL (IPC): B66 F 9/24; B66 F 17/00; G01 G 3/14; G01 G 19/10; G01 G 19/18; G01 G 23/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 17. Document ID: DE 69722298 E, EP 798260 A2, SE 9601184 A, SE 510194 C2, US 5994650 A, EP 798260 B1

L3: Entry 17 of 20

File: DWPI

Jul 3, 2003

DERWENT-ACC-NO: 1997-473116

DERWENT-WEEK: 200351

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TITLE: Position monitoring and control method, especially for hydraulic cylinder for reach movement of forks of truck - involves calculating position or stroke of movement by measuring amount hydraulic oil fed to or tapped from hydraulic pump, and using speed measuring for speed reduction of movement

INVENTOR: STENBERG, K; ERIKSSON, L

PRIORITY-DATA: 1996SE-0001184 (March 28, 1996), 1996SE-0001185 (March 28, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>DE 69722298 E</u>	July 3, 2003		000	B66F009/12
<u>EP 798260 A2</u>	October 1, 1997	E	005	B66F009/12
<u>SE 9601184 A</u>	September 29, 1997		000	B66F009/22
<u>SE 510194 C2</u>	April 26, 1999		000	B66F009/22
<u>US 5994650 A</u>	November 30, 1999		000	G01G023/18
<u>EP 798260 B1</u>	May 28, 2003	E	000	B66F009/12

INT-CL (IPC): B66 F 9/12; B66 F 9/22; B66 F 9/24; B66 F 17/00; E02 F 9/22; G01 G 3/14; G01 G 19/10; G01 G 23/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 18. Document ID: JP 09087757 A

L3: Entry 18 of 20

File: DWPI

Mar 31, 1997

DERWENT-ACC-NO: 1997-255948

DERWENT-WEEK: 199723

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TITLE: Operating of self smelting furnace - by variation of feed amount of dry ore according to average bulk density.

PRIORITY-DATA: 1995JP-0250843 (September 28, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 09087757 A</u>	March 31, 1997		003	C22B005/02

INT-CL (IPC): C22 B 5/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw. Data
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☐ 19. Document ID: JP 08189740 A, JP 3203139 B2

L3: Entry 19 of 20

File: DWPI

Jul 23, 1996

DERWENT-ACC-NO: 1996-389638

DERWENT-WEEK: 200152

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TITLE: Vending machine cooler for e.g. canned drink, cool goods - has controller which controls supply of coolant to evaporators when temp. difference between evaporators as detected by temp. sensors is larger or lower than predetermined value

PRIORITY-DATA: 1995JP-0004156 (January 13, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 08189740 A</u>	July 23, 1996		008	F25D011/00
<u>JP 3203139 B2</u>	August 27, 2001		008	F25D011/00

INT-CL (IPC): F25 D 11/00; G07 F 9/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw. Data
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☐ 20. Document ID: DE 2742479 A, CH 624216 A, CS 7606112 A, DD 131883 A, GB 1543134 A, NL 7710166 A

L3: Entry 20 of 20

File: DWPI

Mar 23, 1978

DERWENT-ACC-NO: 1978-23673A

DERWENT-WEEK: 197813

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TITLE: Measuring water content of crystalline sugar - from electrode potential between two metals in an electrolyte contg. sugar

INVENTOR: CERVENY, L

PRIORITY-DATA: 1976CS-0006112 (September 21, 1976)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>DE 2742479 A</u>	March 23, 1978		000	
<u>CH 624216 A</u>	July 15, 1981		000	
<u>CS 7606112 A</u>	March 31, 1978		000	
<u>DD 131883 A</u>	July 26, 1978		000	
<u>GB 1543134 A</u>	March 28, 1979		000	
<u>NL 7710166 A</u>	March 23, 1978		000	

INT-CL (IPC): G01N 9/36; G01N 27/58

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. Da
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L1 and ((differen\$ or delta) near5 value).ab.	20

Display Format: [Change Format](#)

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Freeform Search

Database:	<div style="border: 1px solid black; padding: 2px;"> US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins </div>
Term:	<div style="border: 1px solid black; padding: 2px;"> l2 and L4 </div>
Display:	<div style="border: 1px solid black; padding: 2px; display: inline-block;">20</div> Documents in Display Format: <div style="border: 1px solid black; padding: 2px; display: inline-block;">-</div> Starting with Number <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div>
Generate: <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

Search

Clear

Interrupt

Search History

DATE: Thursday, June 10, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L5</u>	l2 and L4	9	<u>L5</u>
<u>L4</u>	707/\$.ccls.	20873	<u>L4</u>
<u>L3</u>	L1 and ((differen\$ or delta) near5 value).ab.	20	<u>L3</u>
<u>L2</u>	L1 and value	89	<u>L2</u>
<u>L1</u>	(warehouse and (differen\$ or delta)).ab.	781	<u>L1</u>

END OF SEARCH HISTORY

